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Subject: Perchlorate manufacturing and uses

According to the TOMES data base and the 1989 "Directory of Chemical Producers" in the U.S. there are two companies manufacturing ammonium perchlorate in the U.S.:

Kerr-McGee Chemical Corporation (headquartered in Oklahoma City), **Production site Henderson Nevada**, and Hummel Chemical Company, Incorporated, HQ and **Production Site 10 Harmich Road, South Plainfield NJ 07080**

Other bits of information: very little ammonium perchlorate is imported (5,000 kilograms in 1977)

Uses besides solid rocket propellant /explosive mixtures/pyrotechnics are: analytical chemistry, etching agent and animal fattening agent.

Solubility in water ranges from 10.5% at freezing to 40% at boiling, which puts it in the same range as sodium chloride (32-35%).